

## RAW SEQUENCE LISTING

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Application Serial Number: 10/535,745  
Source: PCT/10  
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**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/10/535,745**

**DATE: 06/01/2005**  
**TIME: 16:23:12**

**Input Set : A:\24318-502-061 Sequence Listing.txt**  
**Output Set: N:\CRF4\06012005\J535745.raw**

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3 <110> APPLICANT: Squillace, Rachel
4      Weiner, Weiner P.
6 <120> TITLE OF INVENTION: Immortalized Human Tuberous Sclerosis Null
7      Angiomyolipoma Cell and Method of Use Thereof
9 <130> FILE REFERENCE: 24318-502-061
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/535,745
C--> 12 <141> CURRENT FILING DATE: 2005-05-20
14 <150> PRIOR APPLICATION NUMBER: 60/556,344
15 <151> PRIOR FILING DATE: 2004-03-25
17 <160> NUMBER OF SEQ ID NOS: 62
19 <170> SOFTWARE: PatentIn Ver. 2.1
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22 <211> LENGTH: 752
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapiens
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29 ctctcattaa ggaagggtgc ctgtgccctg accctacaag atgccaagag aagatgctca 180
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37 tttggaatgg tgttagaaaa atgcaagcca tctctaataa taagttagt ttaaaatttt 660
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50 cggctgaaga ggcgcgtggg atcggcatcc tgacagtgtat cctgggagtc ttactgctca 180
51 tcggctgtt gtattgtaga agacgaaatg gatacagagc cttgtatggat aaaagtcttc 240
52 atgttggcac tcaatgtgcc ttaacaagaa gatgccacca agaagggtt gatcatcggg 300
53 acagcaaagt gtctctcaa gaaaaact gtgaacctgt gttcccaat gctccacctg 360
54 cttatgagaa actctctgca gaacagtca caccaccta ttcacaccaa gagccagcga 420
55 gacacctgag acatgtgaa attatttctc tcacacttt gttgaattt aatacagaca 480
56 tctaattgttc tcctttggaa tggtagga aaaatgtcaag ccatctctaa taataagtca 540

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59 gtaatgttag taaatccatg gtgttatttt ctgagagaca gaattcaagt gggtattctg 720
60 gggccatcca atttctttt acttgaattt tggctaataa caaactagtc aggtttcga 780
61 accttgaccg acatgaactg tacacagaat tggccagta ctatggagtg ctcacaaagg 840
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68 ctgcccgcct cagcctccca aagtgttggaa attacaggcg tgagccacca cgcctggctg 1260
69 gatcctatata ctttagttaag acatataacg cagtctaattt acatttcaact tcaaggctca 1320
70 atgctattctt aactaatgtac aagtattttc tactaaacca gaaattggta gaaggattta 1380
71 aataagtaaa agctactatg tactgcctta gtgctgatgc ctgtgtactg ccttaaatgt 1440
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88 Leu Thr Val Ile Leu Gly Val Leu Leu Leu Ile Gly Cys Trp Tyr Cys
89 35 40 45
91 Arg Arg Arg Asn Gly Tyr Arg Ala Leu Met Asp Lys Ser Leu His Val
92 50 55 60
94 Gly Thr Gln Cys Ala Leu Thr Arg Arg Cys Pro Gln Glu Gly Phe Asp
95 65 70 75 80
97 His Arg Asp Ser Lys Val Ser Leu Gln Glu Lys Asn Cys Glu Pro Val
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100 Val Pro Asn Ala Pro Pro Ala Tyr Glu Lys Leu Ser Ala Glu Gln Ser
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103 Pro Pro Pro Tyr Ser Pro
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115 gtgctgagct tccagccgcg ggccttccac gcgccttgcc tgggcagcgg cgggctccgc 180
116 ttggcgctgg gccttctgca gctgctgccc ggccggccgc cggcggggccc cgggtcccc 240
117 ggcacgtccc cggccggcctc ggtccgcata ctgcgcgcgtg cgcgtgcctg cgaccttctc 300
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 121 gcttatctgg tgatccggag atcggcagga ctgagcacca tcctgctgta tcacatcatg 540  
 122 gcgtggggcc tggccacccct gctctgtgtg gagggagccg ccatgctcta ctacccttcc 600  
 123 gtgtccagggt gtgagcgggg cctggaccac gccatcccc actatgtcac catgtacactg 660  
 124 cccctgctgc tggttctcg tggcaacccc atcctgttcc aaaagacagt gactgcagtg 720  
 125 gcctctttac ttaaaggaag acaaggcatt tacacggaga acgagaggag gatgggagcc 780  
 126 gtgtatcaaga tccgattttt caaaaatcatg ctggtttaa ttatgttgc gttgtcaat 840  
 127 atcatcaatg aaagcctttt attctatctt gagatgcaaa cagatataaa tggaggtct 900  
 128 ttgaaacctg tcagaactgc agccaagacc acatggttt ttatggaaat cctgaatcca 960  
 129 gcccaggat ttctttgtc tttggccttc tacggctgga caggatgcag cctgggtttt 1020  
 130 cagtctccca ggaaggagat ccagtggaa tcactgacca cctcggtgc tgagggggct 1080  
 131 caccatccc cactgatgcc ccatgaaaac cctgcttccg ggaagggtgc tcaagtgggt 1140  
 132 gggcagactt ctgacgaagc cctgagcatg ctgctgtaa gttctgtatgc cagcacaatt 1200  
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 135 aattcttgtt cttagaact gtgttctcac ctcccaaca ctgcactgccc gaagtgttagc 1380  
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 154 Thr Arg Asp Ala Ala Thr Gln Leu Val Leu Ser Phe Gln Pro Arg Ala  
 155 35 40 45  
 157 Phe His Ala Leu Cys Leu Gly Ser Gly Gly Leu Arg Leu Ala Leu Gly  
 158 50 55 60  
 160 Leu Leu Gln Leu Leu Pro Gly Arg Arg Pro Ala Gly Pro Gly Ser Pro  
 161 65 70 75 80  
 163 Ala Thr Ser Pro Pro Ala Ser Val Arg Ile Leu Arg Ala Ala Ala  
 164 85 90 95  
 166 Cys Asp Leu Leu Gly Cys Leu Gly Met Val Ile Arg Ser Thr Val Trp  
 167 100 105 110  
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 170 115 120 125  
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 176 145 150 155 160  
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187	Asp His Ala Ile Pro His Tyr Val Thr Met Tyr Leu Pro Leu Leu Leu		
188	210	215	220
190	Val Leu Val Ala Asn Pro Ile Leu Phe Gln Lys Thr Val Thr Ala Val		
191	225	230	235
193	Ala Ser Leu Leu Lys Gly Arg Gln Gly Ile Tyr Thr Glu Asn Glu Arg		
194	245	250	255
196	Arg Met Gly Ala Val Ile Lys Ile Arg Phe Phe Lys Ile Met Leu Val		
197	260	265	270
199	Leu Ile Ile Cys Trp Leu Ser Asn Ile Ile Asn Glu Ser Leu Leu Phe		
200	275	280	285
202	Tyr Leu Glu Met Gln Thr Asp Ile Asn Gly Gly Ser Leu Lys Pro Val		
203	290	295	300
205	Arg Thr Ala Ala Lys Thr Thr Trp Phe Ile Met Gly Ile Leu Asn Pro		
206	305	310	315
208	Ala Gln Gly Phe Leu Leu Ser Leu Ala Phe Tyr Gly Trp Thr Gly Cys		
209	325	330	335
211	Ser Leu Gly Phe Gln Ser Pro Arg Lys Glu Ile Gln Trp Glu Ser Leu		
212	340	345	350
214	Thr Thr Ser Ala Ala Glu Gly Ala His Pro Ser Pro Leu Met Pro His		
215	355	360	365
217	Glu Asn Pro Ala Ser Gly Lys Val Ser Gln Val Gly Gly Gln Thr Ser		
218	370	375	380
220	Asp Glu Ala Leu Ser Met Leu Ser Glu Gly Ser Asp Ala Ser Thr Ile		
221	385	390	395
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238	ctcagaaccca aagccctggaa caggcagctg tatccagagt ggacagaagc ccagagactt 180		
239	gactgctgga gaggttgtca agtgtccctc aaggtcagta atgatgggcc tacactgatt 240		
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245	ctgggcacac acaccatgga agtactgtc taccatcgcc ggggatcccg gagctatgtg 600		
246	cctcttgctc attccagctc agccttcacc attactgacc aggtgccttt ctccgtgagc 660		
247	gtgtcccaact tgccggccctt gatggaggg aacaagcaact tcctgagaaa tcagcctctg 720		
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251 acctCCtGTG gctCCtCCCC agttCCAGGC accACAGATG ggcACAGGCC aactGCAGAG 960
252 gcccCTtaACA ccACAGCTGG ccaAGTGCT actACAGAAG ttgtGGGTAC tacACCTGGT 1020
253 caggCGCCAA ctgcAGAGCC CTCTGGAAcc acatCTGTGc aggtGCCAAC cACTGAAGTC 1080
254 ataAGCAGTg cacCTGTGCA gATGCCAACT gcAGAGAGCA cAGGTATGAC acCTGAGAG 1140
255 gtGCCAGTTT cAGAGGTcat gggTACCAcA CTGGCAGAGA TGTCAACTCC agaggCTACA 1200
256 ggtatGACAC ctgcAGAGGT atCAATTGtG gtGCTTCTG gaACCACAGC tgcACAGGTA 1260
257 acaACTACAG agtGGGTGGA gACCACAGCT agAGAGCTAC CTATCCCTGA gcCTGAAGGT 1320
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266 ctgatCTGtG gcatCTTGTCT ggtGTTGATG gCTGTGGTCC ttGATCTCT gatATATAGG 1860
267 cgcAGACTTA tGAAGCAAGA CTTCTCCGTa cccAGTTGc cacATAGCAG cAGTCACTGG 1920
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280 accAAAGCCT ggaACAGGCA gCTGTATCCA gagTGGACAG aAGCCCAgAG actTGACTGC 180
281 tggAGAGGtG gtCAAGTGTc cOTCAAGGTC agTAATGATG ggcCTACACT gatTGGTGC 240
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283 caggTTATCT gggTCAACAA tACCATCATC aATGGTAGCC aggtGTGGGG aggACAGCCA 360
284 gtGTATCCCC aggAAACTGA cgATGCCtGC atCTCCtGt atGGTGGACC ttGCCCATCT 420
285 ggCTCTGGT cTCAGAAAGAG aAGCTTTGTT tatGTCTGGA agACCTGGG tcaataCTGG 480
286 caAGTtCTAG gggGCCAGT gtCTGGGCTG agCATTGGGA caggCAGGGC aATGCTGGG 540
287 acACACACCA tggAAgtGAC tGTCTACCAT CGCCGGGGAT cCCGGAGCTA tGTGCTCTT 600
288 gCTCATTCCA gCTCAGCCTT caccATTACT gaccAGGTGC ttTCTCCGT gAGCgtGTCC 660
289 cagtTGCGGG cCTTGGATGG agggAAACAAG cactCCTGA gaaATCAGCC tCTGACCTT 720
290 gCCCTCCAGC tCCATGACCC cAGTGGCTAT ctggCTGAAG ctGACCTCTC ctACACCTGG 780
291 gactTTGGAG acAGTAGTGG aACCCTGATC tCTCGGGCAC ttgtGGTcAC tcataCTTAC 840
292 ctggAGCCTG gcccAGTcAC tgCCCAggGTG gtcCTGcAGG ctGCCATTcC tCTCACCTCC 900
293 tggGCTCTT cccCAgTTCC aggcACCAcA gatGGGcaca ggccaACTGC agaggCCCT 960
294 aacACCAcAG ctggCCAAGT gcCTACTACa gaAGTTGTGG gtACTACACC tggTCAGGCG 1020
295 ccaACTGCAg agccCTCTGG aACCACATCT gtGCAAGGTGC caACCACtGA agTCATAAGC 1080
296 actGCACCTG tgcAGATGCC aACTGCAAGAG agcACAGGTGA tgACACCTGA gaAGGTGCCA 1140
297 gttcAGAGG tcatGGGTAC cacACTGGCA gagATGTCAA ctCCAGAGGC tacAGGTATG 1200
298 acACCTGCAg aggtATCAAT tGTGGTGTCT tCTGGAACCA cAGTGCACa ggtaACAACt 1260
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**VERIFICATION SUMMARY**

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date